

## **METHOD OF CONTROLLING ENGINE SPEED DURING PERFORMANCE SHIFT**

### **ABSTRACT OF THE DISCLOSURE**

A method and system of automatically controlling engine speed of a vehicle in a turn employs an engine control system (10) to determine an optimal engine speed for the turn and an actual engine speed as sensed by an engine speed sensor (38). Engine control system (10) determines the difference between optimal engine speed and actual engine speed and compares this difference to current engine load. Based on this comparison, engine control system (10) then determines whether to alter engine speed and, if so, determines an amount to reduce the difference between optimal engine speed and actual engine speed.

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